
Subject: Re: Threading example for U++

Posted by [nixnixnix](#) on Tue, 17 Jul 2007 01:40:45 GMT

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should this code compile on a default install of 2007.1 under windows?

I get

----- plugin\z (GUI MT GCC FORCE_SPEED BLITZ WIN32) (7 / 9)

adler32.c

plugin\bmp: 4 file(s) built in (0:01.67), 417 msecs / file, duration = 3500 msecs, parallelization 100%

compress.c

crc32.c

deflate.c

gzio.c

infblock.c

infcodes.c

inffast.c

inflate.c

inftrees.c

infutil.c

trees.c

uncompr.c

zutil.c

----- plugin\png (GUI MT GCC FORCE_SPEED BLITZ WIN32) (8 / 9)

pnglib.c

plugin\z: 14 file(s) built in (0:01.26), 90 msecs / file, duration = 3954 msecs, parallelization 100%

pngupp.cpp

pngreg.icpp

----- ThrFractRend (GUI MT MAIN GCC FORCE_SPEED BLITZ WIN32) (9 / 9)

BLITZ: ThrFractRend_design.cpp ThrFractRend_sse2.cpp ThrFractRend.cpp main.cpp

Paintbox.cpp

plugin\png: 3 file(s) built in (0:04.26), 1420 msecs / file, duration = 8781 msecs, parallelization 100%

Core: 36 file(s) built in (0:11.13), 309 msecs / file, duration = 30922 msecs, parallelization 100%

In file included from C:\MyApps\ThrFractRend\ThrFractRend_design.cpp:42,

from C:/upp/out/ThrFractRend/MINGW.Blitz.Force_speed.Gui.Main.Mt\ \$blitz.cpp:3:

C:\MyApps\ThrFractRend\ThrFractRend.h:84: error: `Mutex' does not name a type

C:\MyApps\ThrFractRend\ThrFractRend.h:85: error: `Mutex' does not name a type

In file included from C:/upp/out/ThrFractRend/MINGW.Blitz.Force_speed.Gui.Main.Mt\

\$blitz.cpp:10:

C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp: In member function `void

mtfr::Threads::FnMandelbrot(const mtfr::ComplexD&, unsigned int*) const':

C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:51: error: `__m128d' undeclared (first use this function)

C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:51: error: (Each undeclared identifier is reported only once for each function it appears in.)

C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:51: error: expected `;' before "C0"
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:54: error: `C4' undeclared (first use this function)
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:54: error: `_mm_set1_pd' undeclared (first use this function)
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:55: error: `C0' undeclared (first use this function)
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:55: error: `_mm_setr_pd' undeclared (first use this function)
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:57: error: `X0' undeclared (first use this function)
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:60: error: `X1' undeclared (first use this function)
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:60: error: `_mm_mul_pd' undeclared (first use this function)
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:61: error: `X2' undeclared (first use this function)
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:61: error: `_mm_unpackhi_pd' undeclared (first use this function)
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:62: error: `X3' undeclared (first use this function)
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:62: error: `_mm_add_sd' undeclared (first use this function)
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:63: error: `_mm_comigt_sd' undeclared (first use this function)
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:66: error: `X4' undeclared (first use this function)
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:69: error: `_mm_sub_sd' undeclared (first use this function)
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:71: error: `_mm_mul_sd' undeclared (first use this function)
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:75: error: `_mm_unpacklo_pd' undeclared (first use this function)
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:76: error: `_mm_add_pd' undeclared (first use this function)
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp: In member function `void mtrf::Threads::FnJulia(const mtrf::ComplexD&, unsigned int*) const':
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:85: error: `__m128d' undeclared (first use this function)
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:85: error: expected `;' before "C0"
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:88: error: `C4' undeclared (first use this function)
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:88: error: `_mm_set1_pd' undeclared (first use this function)
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:89: error: `C0' undeclared (first use this function)
 C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:89: error: `_mm_setr_pd' undeclared (first use this function)

C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:90: error: `X0' undeclared (first use this function)

C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:94: error: `X1' undeclared (first use this function)

C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:94: error: `_mm_mul_pd' undeclared (first use this function)

C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:95: error: `X2' undeclared (first use this function)

C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:95: error: `_mm_unpackhi_pd' undeclared (first use this function)

C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:96: error: `X3' undeclared (first use this function)

C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:96: error: `_mm_add_sd' undeclared (first use this function)

C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:97: error: `_mm_comigt_sd' undeclared (first use this function)

C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:100: error: `X4' undeclared (first use this function)

C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:103: error: `_mm_sub_sd' undeclared (first use this function)

C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:105: error: `_mm_mul_sd' undeclared (first use this function)

C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:109: error: `_mm_unpacklo_pd' undeclared (first use this function)

C:\MyApps\ThrFractRend\ThrFractRend_sse2.cpp:110: error: `_mm_add_pd' undeclared (first use this function)

In file included from C:/upp/out/ThrFractRend/MINGW.Blitz.Force_speed.Gui.Main.Mt\ \$blitz.cpp:14:

C:\MyApps\ThrFractRend\ThrFractRend.cpp: In member function `void mtrf::Threads::picbox_Paint(Upp::Draw&):

C:\MyApps\ThrFractRend\ThrFractRend.cpp:82: error: `job_lock' undeclared (first use this function)

C:\MyApps\ThrFractRend\ThrFractRend.cpp:93: error: `image_lock' undeclared (first use this function)

C:\MyApps\ThrFractRend\ThrFractRend.cpp: In member function `void mtrf::Threads::ThreadRenderJob(int, int, const Upp::Callback2<const mtrf::ComplexD&, unsigned int*>&, int)':

C:\MyApps\ThrFractRend\ThrFractRend.cpp:131: error: `job_lock' undeclared (first use this function)

C:\MyApps\ThrFractRend\ThrFractRend.cpp:133: error: `image_lock' undeclared (first use this function)

C:\MyApps\ThrFractRend\ThrFractRend.cpp:135: error: no matching function for call to `Upp::Semaphore::Release()'

C:/upp/uppsrc/Core/Thread.h:70: note: candidates are: void Upp::Semaphore::Release(int)

C:\MyApps\ThrFractRend\ThrFractRend.cpp: In member function `void mtrf::Threads::Process(const Upp::Callback2<const mtrf::ComplexD&, unsigned int*>&):

C:\MyApps\ThrFractRend\ThrFractRend.cpp:197: error: `callback4' undeclared (first use this function)

C:\MyApps\ThrFractRend\ThrFractRend.cpp:199: error: `job_lock' undeclared (first use this function)

ThrFractRend: 5 file(s) built in (0:02.48), 496 msec / file, duration = 4031 msec, parallelization 16%

There were errors. (1:15.50)

nick
